

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/041346

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01N27/447 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/054517 A (BIOGEN, INC; VASILYEVA, ELENA; BROWN, FRANCINE; KRETSCHMER, MATTHIAS;) 3 July 2003 (2003-07-03) claims 1,2,22-26	26-30
Y	the whole document ----- -/--	1-42

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

08/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SCHOUTEN ALEXANDER ET AL: "Formation of disulfide bridges by a single-chain Fv antibody in the reducing ectopic environment of the plant cytosol" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 277, no. 22, 31 May 2002 (2002-05-31), pages 19339-19345, XP002322163 ISSN: 0021-9258 Page 19341, the sentence "The protoplasts were cooled and immediately lysed in the presence of the sulfhydryl alkylating agent NEM to block free thiols and prevent rearrangement of disulfide bonds."	1-42
X	US 6 558 902 B1 (HILLENKAMP FRANZ) 6 May 2003 (2003-05-06)	31, 35, 36
Y	column 20, lines 44-47	1-42
X	GB 2 066 259 A (GAMMA BIOLOGICALS INC) 8 July 1981 (1981-07-08)	31, 35, 36, 39, 40
Y	page 2, lines 10-42 page 3, lines 97-116 claims 1, 5, 6	1-42
X	EP 0 127 036 A (KMW AKTIEBOLAG; VALMET PAPER MACHINERY INC) 5 December 1984 (1984-12-05) examples 3, 14	35-37
Y	US 2002/058303 A1 (SWARTZ JAMES ROBERT ET AL) 16 May 2002 (2002-05-16) paragraphs '0014! - '0016! paragraphs '0043!, '0044! claims 1-3	1-42

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